



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sheueling Chang Shantz et al.

Title: METHOD AND APPARATUS FOR IMPLEMENTING PROCESSOR  
INSTRUCTIONS FOR ACCELERATING PUBLIC-KEY  
CRYPTOGRAPHY

Application No.: 10/626,420 Filed: July 24, 2003

Examiner: Unknown Group Art Unit: 3621

Atty. Docket No.: 004-9388

---

March 18, 2004

Office of Initial Patent Examination  
Customer Service Center  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

Dear Sir:

Applicants hereby request the Commissioner of Patents and Trademarks to correct the Official Filing Receipt for the above-identified patent application as follows:

- Correct the Filing Date
- Correct Continuing Data
- Correct Applicant(s)
- Correct Title
- Correct Attorney Docket Number
- Correct Assignee Data
- Correct Publication Data
- Other: \_\_\_\_\_

This Request is submitted for the following reasons:

The Assignment for Published Patent Application was omitted and should read as follows: Sun Microsystems, Inc. It is respectfully requested that a corrected Filing Receipt be issued. Enclosed is a copy of the Transmittal Letter and Data Sheet indicating Assignee.

If this request does not lead to the correction of the Filing Receipt, please contact the Applicant's attorney at number indicated below.

Respectfully submitted,



Mark Zagorin, Reg. No. 36,067  
Attorney for Applicant(s)  
(512) 338-6311  
(512) 338-6301 (fax)



UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
ZAGORIN O'BRIEN & GRAHAM, L.L.P.

MAR 15 2004

M-2

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/626,420	07/24/2003	3621	1980	004-9388	35	65	8

CONFIRMATION NO. 9856

22120  
ZAGORIN O'BRIEN & GRAHAM, L.L.P.  
7600B N. CAPITAL OF TEXAS HWY.  
SUITE 350  
AUSTIN, TX 78731

FILING RECEIPT



\*OC000000012063683\*

Date Mailed: 03/10/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Sheueling Chang Shantz, Cupertino, CA;  
Hans Eberle, Mountain View, CA;  
Nils Gura, San Carlos, CA;  
Lawrence Spracklen, Boulder Creek, CA;  
Leonard Rarick, San Diego, CA;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/483,818 06/30/2003

Foreign Applications

If Required, Foreign Filing License Granted: 03/09/2004

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

Title

COPY

Method and apparatus for implementing processor instructions for accelerating public-key cryptography

**Preliminary Class**

705

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related application(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

*COPY*



## APPLICATION INFORMATION

Application Type:: Regular  
Subject Matter:: Utility  
CD-ROM or CD-R?:: None  
Title:: METHOD AND APPARATUS FOR  
IMPLEMENTING PROCESSOR  
INSTRUCTIONS FOR ACCELERATING  
PUBLIC-KEY CRYPTOGRAPHY  
Attorney Docket Number:: 004-9388  
Request for Early Publication?:: No  
Request for Non-Publication?:: Yes  
Suggested Drawing Figure::  
Total Drawing Sheets:: 35  
Small Entity?:: No  
Secrecy Order in Parent Appl.?:: No

## APPLICANT INFORMATION

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Sheueling Chang  
Family Name:: Shantz  
Name Suffix::  
City of Residence:: Cupertino  
State or Province of Residence:: CA  
Country of Residence:: US  
Street:: 22345 Regnart Road  
City:: Cupertino  
State or Province:: CA  
Country:: US  
Postal or ZIP Code:: 95014

COPY

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Switzerland  
Status:: Full Capacity  
Given Name:: Hans  
Family Name:: Eberle  
Name Suffix::  
City of Residence:: Mountain View  
State or Province of Residence:: CA  
Country of Residence:: US  
Street:: 464 Dell Avenue  
City:: Mountain View  
State or Province:: CA  
Country:: US  
Postal or ZIP Code:: 94043

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Germany  
Status:: Full Capacity  
Given Name:: Nils  
Family Name:: Gura  
Name Suffix::  
City of Residence:: San Carlos  
State or Province of Residence:: CA  
Country of Residence:: US  
Street:: 152 Coronado Avenue  
City:: San Carlos  
State or Province:: CA  
Country:: US  
Postal or ZIP Code:: 94070

**COPY**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: United Kingdom  
Status:: Full Capacity  
Given Name:: Lawrence  
Family Name:: Spracklen  
Name Suffix::  
City of Residence:: Boulder Creek  
State or Province of Residence:: CA  
Country of Residence:: US  
Street:: 278 Hilltop Ct.  
City:: Boulder Creek  
State or Province:: CA  
Country:: US  
Postal or ZIP Code:: 95006

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Leonard  
Family Name:: Rarick  
Name Suffix::  
City of Residence:: San Diego  
State or Province of Residence:: CA  
Country of Residence:: US  
Street:: 2817 Amulet Street  
City:: San Diego  
State or Province:: CA  
Country:: US  
Postal or ZIP Code:: 92123-3136

**COPY**

**CORRESPONDENCE INFORMATION**

Correspondence Customer Number:: 22120

**DOMESTIC PRIORITY INFORMATION**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	An appl claiming the benefit under 35 USC 119(e)	60/483,818	6/30/03

**FOREIGN PRIORITY INFORMATION**

Country:: Application No:: Filing Date::

**ASSIGNEE INFORMATION**

Assignee name:: Sun Microsystems, Inc.

**COPY**



INTELLECTUAL PROPERTY ATTORNEYS

LAW OFFICES OF  
**ZAGORIN, O'BRIEN & GRAHAM, L.L.P.**

401 WEST 15TH STREET, SUITE 870  
AUSTIN, TEXAS 78701

(512) 347-9030 (PHONE)  
(512) 347-9031 (FAX)

INTERNET: [www.IP-Counsel.com](http://www.IP-Counsel.com)

July 24, 2003

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket No.: 004-9388

Transmitted herewith for filing is a patent application as follows:

Inventor(s): Sheueling Chang Shantz, Hans Eberle, Nils Gura, Lawrence Spracklen, and Leonard Rarick  
Title: METHOD AND APPARATUS FOR IMPLEMENTING PROCESSOR INSTRUCTIONS FOR ACCELERATING PUBLIC-KEY CRYPTOGRAPHY  
Assignee: Sun Microsystems, Inc.

Enclosed are:

- Application Data Sheet (4 page(s))
- Request for Non-Publication and Certification under 35 U.S.C. 122(b)(2)(B)(i) (1 page(s))
- 49 Pages of Written Description (including Specification, Claims and Abstract)
- 35 Sheets of Drawings,    Formal  Informal
- Declaration for Patent Application (4 pages),  Executed/  Unexecuted
- Assignment of the Invention (5 pages, including Cover Sheet)
- Information Disclosure Statement (\_\_\_\_ pages)
  - with Form(s) PTO 1449 (\_\_\_\_ page(s)) and copies of \_\_\_\_ reference(s)
- Other: check in the amount of \$2,020
- This Transmittal Letter (in duplicate) (2 page(s))  Return Postcard

CLAIMS AS FILED

	Number Filed	Number Extra	Rate	Fee
Basic Fee =				750.00
Total Claims	65 - 20	= 45	x \$18.00 =	810.00
Independent Claims	8 - 3	= 5	x \$84.00 =	420.00
Multiple Dependent Claims (if any) - \$280.00 fee				
Other: Assignment recordation				40.00
<b>TOTAL FILING FEE</b>				<b>\$2,020.00</b>

- Small entity status is entitled to be asserted for the application.
- A check is enclosed for the Total Filing Fee shown above.
- Please charge the Total Filing Fee shown above to Deposit Account 50-0631.
- The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 that may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

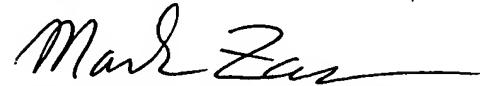
**COPY**

July 24, 2003  
RE: 004-9388  
Page 2 of 2

ZAGORIN, O'BRIEN & GRAHAM, L.L.P.

EXPRESS MAIL LABEL NO.  
EL989617082US

Respectfully submitted,



Mark Zagorin, Reg. No. 36,067  
Attorney for Applicant(s)  
(512) 347-9030  
(512) 347-9031 (fax)

COPY